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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV 26	MARPAT enhanced with FSORT command
NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
NEWS	5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB 10	COMPENDEX reloaded and enhanced
NEWS	15	FEB 11	WTEXTILES reloaded and enhanced
NEWS	16	FEB 19	New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art
NEWS	17	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	18	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	19	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	20	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	21	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	22	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	23	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	24	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	25	MAR 11	ESBIOBASE reloaded and enhanced
NEWS	26	MAR 20	CAS databases on STN enhanced with new super role

for nanomaterial substances  
NEWS 27 MAR 23 CA/CAPLUS enhanced with more than 250,000 patent  
equivalents from China  
NEWS 28 MAR 30 IMSPATENTS reloaded and enhanced  
NEWS 29 APR 03 CAS coverage of exemplified prophetic substances  
enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 08:02:31 ON 06 APR 2009

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 08:02:39 ON 06 APR 2009  
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STRUCTURE FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2  
DICTIONARY FILE UPDATES: 5 APR 2009 HIGHEST RN 1132636-28-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

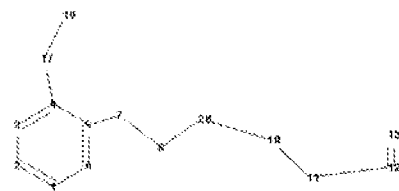
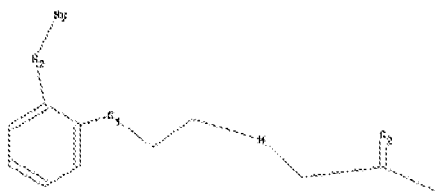
Please note that search-term pricing does apply when  
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REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
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on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10551737 R5 heteroaryl R8 and R9 ring.str



```

chain nodes :
7 8 12 13 14 17 19 20
ring nodes :
1 2 3 4 5 6 10 11
chain bonds :
4-17 5-7 7-8 8-20 10-20 11-12 12-13 12-14 17-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11
exact/norm bonds :
4-17 5-7 7-8 10-11 10-20 12-13 12-14 17-19
exact bonds :
8-20 11-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

```

G1:C,O,S

G2:O,S

G3:Cb,Cy,Hy

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS 17:CLASS 19:CLASS 20:CLASS

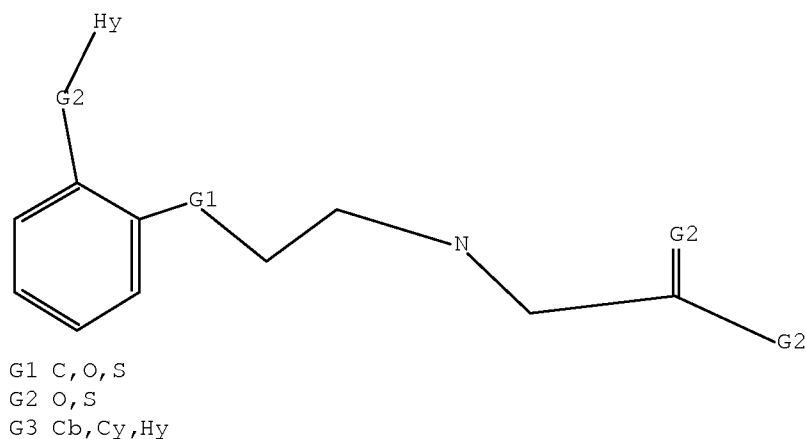
```

L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.48	0.70

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 08:02:55 ON 06 APR 2009  
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FILE COVERS 1907 - 6 Apr 2009 VOL 150 ISS 15  
FILE LAST UPDATED: 5 Apr 2009 (20090405/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11 SSS full  
REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 08:02:59 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 184852 TO ITERATE

100.0% PROCESSED 184852 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.11

L2 1 SEA SSS FUL L1

L3 1 L2

=> d ibib abs hitstr 1-  
YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 1973:64458 CAPLUS Full-text  
DOCUMENT NUMBER: 78:64458  
ORIGINAL REFERENCE NO.: 78:10181a,10184a  
TITLE: Detection of alkali metal ions by optical rotatory  
dispersion. Sensitive test for sodium in the presence  
of lithium and potassium  
AUTHOR(S): Wudl, Fred  
CORPORATE SOURCE: Dep. Chem., State Univ. N. Y., Buffalo, NY, USA  
SOURCE: Journal of the Chemical Society, Chemical  
Communications (1972), (22), 1229-30  
CODEN: JCCCAT; ISSN: 0022-4936  
DOCUMENT TYPE: Journal  
LANGUAGE: English

GI For diagram(s), see printed CA Issue.

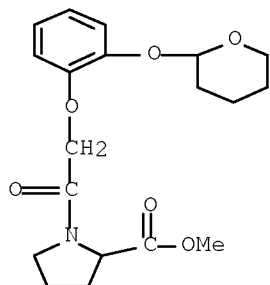
AB The ORD curves of the chiral semicrown complexes (I, M = H, Li, Na, K) depend  
on the cation (M) and, as the interaction of I its strongest with Na, a  
spectropolarimetric determination of Na in the presence of Li and K is  
applicable.

IT 40418-12-0P

RL: PREP (Preparation)  
(preparation of)

RN 40418-12-0 CAPLUS

CN Proline, 1-[[2-[(tetrahydro-2H-pyran-2-yl)oxy]phenoxy]acetyl]-, methyl  
ester (9CI) (CA INDEX NAME)



=> log off

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 08:03:20 ON 06 APR 2009